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REMOTE SENSING OF PERMAFROST AND GEOLOGIC HAZARDS IN ALASKA

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1 November 1972

Type I Progress Report for Period 1 September - 31 October 1972

(E72-10247) REMOTE SENSING OF PERMAFROST AND GEOLOGICAL HAZARDS IN ALASKA Progress Report, 1 Sep. - 31 Oct. 1972 O.J. Ferrians, Jr. (Geological Survey) 1 Nov. 1972 3 p	N73-12347 Unclas CSCL 08L G3/13 00247
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Prepared for:

Goddard Space Flight Center
Greenbelt, Maryland 20771

Publication authorized by the Director, U.S. Geological Survey

Type I Progress Report
ERTS-A

a. Title: Remote Sensing of Permafrost and Geologic Hazards in Alaska

ERTS-A Proposal No.: SR 207

b. GSFC ID No. of P.I.: IN 386

c. Statement and explanation of any problems that are impeding the progress of the investigation:

None.

d. Discussion of the accomplishments during the reporting period and those planned for the next reporting period:

All requested imagery of Alaska taken through October 2 has been received and systematically examined on receipt. Compilation of pertinent ERTS-acquired data, which will aid in accomplishing the objectives of this project, has been initiated.

The study of imagery and compilation of pertinent data will be continued during the next reporting period.

e. Discussion of significant scientific results and their relation[ship] to practical applications or operational problems including estimates of the cost benefits of any significant results (To be prepared in scientific abstract form of 200 words or less):

None.

f. A listing of published articles, and/or papers, pre-prints, in-house reports, abstracts of talks, that were released during the reporting period:

Ferrians, Oscar J., Jr., 1972, ERTS and arctic engineering geology in Alaska, p. 153-154 in Summaries: Eighth Internat. Symposium on Remote Sensing of Environment, Oct. 2-6, 1972, Ann Arbor, Michigan, 157 p.

g. Recommendation concerning practical changes in operations, additional investigative effort, correlation of effort and/or results as related to a maximum utilization of the ERTS system:

None.

h. A listing of data of any changes in Standing Order Forms:

None.

i. ERTS Image Descriptor forms:

None.

j. Listing by date of any changed Data Request forms submitted to Goddard Space Flight Center/NDPF during the reporting period:

None.

k. Status of Data Collection Platforms (if applicable):

Not applicable.

